

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jones et al.

Serial No.: To be assigned

Filed: August 20, 2003

**For: EFFICIENT PRODUCTION OF IgA
IN RECOMBINANT MAMMALIAN
CELLS**

Examiner (presumed): R. Mitra

Group Art Unit (presumed): 1653

Attorney Docket No.: 2578-6077US

NOTICE OF EXPRESS MAILING

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56(b) exists.

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
*US - 5,994,128	11-30-1999	Fallaux et al.

Foreign Patent Documents

<u>Document No.</u>	<u>Publication Date</u>	<u>Patentee</u>
*WO 93/03163	02-18-1993	Fond Nat Transfusion
*WO 97/00326	01-03-1997	Univ Leiden
*WO 95/29994	11-09-1995	Univ Michigan
*EP 0 185 573	06-25-1986	Pasteur Institut
WO 00/63403	10-26-2000	Introgen B.V.

Other Documents

*PCT International Search Report, PCT/NL00/00247, dated October 9, 2000, 3 pages.

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56 & 1.175, applicant hereby identifies the following listed copending applications naming the same inventor(s):

Attorney Docket No.: 2578-3840US
Serial No.: 09/065,752
Filing Date: 4/24/1998
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT ADENOVIRUS TO BE USED IN GENE THERAPY

* Pursuant to 37 C.F.R. § 1.98(d), copies of the previously identified patents are not being provided since they were previously cited by or submitted to the Office in the following prior application:

Serial No.: 09/549,463

Filed: April 14, 2000

For: RECOMBINANT PROTEIN PRODUCTION IN A HUMAN CELL, which application is being relied upon for an earlier filing date under 35 U.S.C. § 120.

Attorney Docket No.: 2578-6077US

Attorney Docket No.: 2183-4230US
Serial No.: 09/214,836
Filing Date: 10/4/1999
Title: MELANOMA ASSOCIATED PEPTIDE ANALOGUES AND VACCINES AGAINST MELANOMA

Attorney Docket No.: 2183-4075US
Serial No.: 09/332,803
Filing Date: 6/14/1999
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-4123.2US
Serial No.: 09/348,354
Filing Date: 7/7/1999
Title: CHIMAERIC ADENOVIRUSES

Attorney Docket No.: 2183-4231US
Serial No.: 09/444,284
Filing Date: 11/19/1999
Title: GENE DELIVERY VECTORS PROVIDED WITH A TISSUE TROPISM FOR SMOOTH MUSCLE CELLS, AND/OR ENDOTHELIAL CELLS

Attorney Docket No.: 2183-4038.1US
Serial No.: 09/549,463
Filing Date: 4/14/2000
Title: RECOMBINANT PROTEIN PRODUCTION IN A HUMAN CELL

Attorney Docket No.: 2183-3982.2US
Serial No.: 09/517,898
Filing Date: 3/3/2000
Title: MEANS AND METHODS FOR FIBROBLAST-LIKE OR MACROPHAGE-LIKE CELL TRANSDUCTION

Attorney Docket No.: 2183-4070.1US
Serial No.: 09/573,740
Filing Date: 5/18/2000
Title: SEROTYPES OF ADENOVIRUS AND USES THEREOF

Attorney Docket No.: 2578-6077US

Attorney Docket No.: 2578-4489US
Serial No.: 09/665,472
Filing Date: 9/20/2000
Title: GENE DELIVERY VECTORS PROVIDED WITH A TISSUE TROPISM FOR DENDRITIC CELLS

Attorney Docket No.: 2183-4843US
Serial No.: 09/843,894
Filing Date: 4/27/2001
Title: AAV VECTOR PRODUCTION

Attorney Docket No.: 2578-3840.1US
Serial No.: 09/900,062
Filing Date: 7/6/2001
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-3935.1US
Serial No.: 09/912,552
Filing Date: 7/23/2001
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-3833.5US
Serial No.: 09/918,029
Filing Date: 7/30/2001
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-4509.1US
Serial No.: 09/928,262
Filing Date: 8/10/2001
Title: GENE DELIVERY VECTORS WITH CELL TYPE SPECIFICITY FOR PRIMARY HUMAN CHONDROCYTES

Attorney Docket No.: 2578-4123.1US
Serial No.: 09/953,280
Filing Date: 9/14/2001
Title: CHIMAERIC ADENOVIRUSES

Attorney Docket No.: 2578-6077US

Attorney Docket No.: 2183-5006.1US
Serial No.: 10/010,645
Filing Date: 11/13/2001
Title: GENE DELIVERY VECTORS WITH CELL TYPE SPECIFICITY FOR MESENCHYMAL STEM CELLS

Attorney Docket No.: 2578-3833.6US
Serial No.: 10/038,271
Filing Date: 10/23/2001
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-3833.7US
Serial No.: 10/125,751
Filing Date: 4/18/2002
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-3955.1US
Serial No.: 10/136,139
Filing Date: 5/1/2002
Title: MEANS AND METHODS FOR NUCLEIC ACID DELIVERY VEHICLE DESIGN AND NUCLEIC ACID TRANSFER

Attorney Docket No.: 2578-3833.8US
Serial No.: 10/219,414
Filing Date: 8/15/2002
Title: STOCKS OF REPLICATION DEFICIENT ADENOVIRUS

Attorney Docket No.: 2578-4215.1US
Serial No.: 10/231,735
Filing Date: 8/28/2002
Title: INTERLEUKIN-3 GENE THERAPY FOR CANCER

Attorney Docket No.: 2578-4038.2US
Serial No.: 10/234,007
Filing Date: 9/3/2002
Title: RECOMBINANT PROTEIN PRODUCTION IN A HUMAN CELL

Attorney Docket No.: 2578-6077US

Attorney Docket No.: 2578-5592US
Serial No.: 10/305,435
Filing Date: 11/25/2002
Title: METHODS AND MEANS FOR ENHANCING SKIN TRANSPLANTATION USING GENE DELIVERY VEHICLES HAVING TROPISM FOR PRIMARY FIBROBLASTS, AS WELL AS OTHER USES THEREOF (PRIMAIRE FIBROBLASTEN)

Attorney Docket No.: 2578-5832US
Serial No.: 10/381,088
Filing Date: 3/20/2003
Title: ADENOVIRAL VECTORS PROVIDED WITH A TROPISM FOR DENDRITIC CELLS

Attorney Docket No.: 2578-5904US
Serial No.: 10/381,857
Filing Date: 3/26/2003
Title: ADENOVIRAL VECTORS FOR GENE DELIVERY IN SKELETAL MUSCLE CELLS OR MYOBLASTS

Attorney Docket No.: 2578-3840.2US
Serial No.: 10/396,548
Filing Date: 3/25/2003
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-3833.9US
Serial No.: 10/618,526
Filing Date: 7/11/2003
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-6077US

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits.

Respectfully submitted,



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Date: August 20, 2003
ACT/bv

Enclosures: Form PTO-1449 or PTO/SB/08
Document in ProLaw

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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Complete if Known

Application Number	To be assigned
Filing Date	August 20, 2003
First Named Inventor	Jones et al.
Group Art Unit	1653 (presumed)
Examiner Name	R. Mitra (presumed)
Attorney Docket Number	2578-6077US

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		*WO 93/03163	02-18-1993	Fond Nat Transfusion		
		*WO 97/00326	01-03-1997	Univ Leiden		
		*WO 95/29994	11-09-1995	Univ Michigan		
		*EP 0 185 573	06-25-1986	Pasteur Institut		
		WO 00/63403	10-26-2000	Introgen B.V.		

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	To be assigned
		Filing Date	August 20, 2003
		First Named Inventor	Jones et al.
		Group Art Unit	1653 (presumed)
		Examiner Name	R. Mitra (presumed)
Sheet	2	of	2
		Attorney Docket Number	
		2578-6077US	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Signature _____ Date Considered _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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* Pursuant to 37 C.F.R. § 1.98(d), copies of the previously identified patents are not being provided since they were previously cited by or submitted to the Office in the following prior application:

Serial No : 09/549 463

Serial No.: 09/549,403
Filed: April 14, 2000

Filed: April 14, 2000
For: RECOMBINANT PROTEIN PRODUCTION IN A HUMAN CELL, which application is being relied upon for an earlier filing date under 35 U.S.C. § 120.